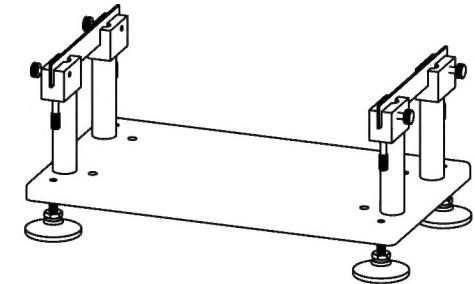
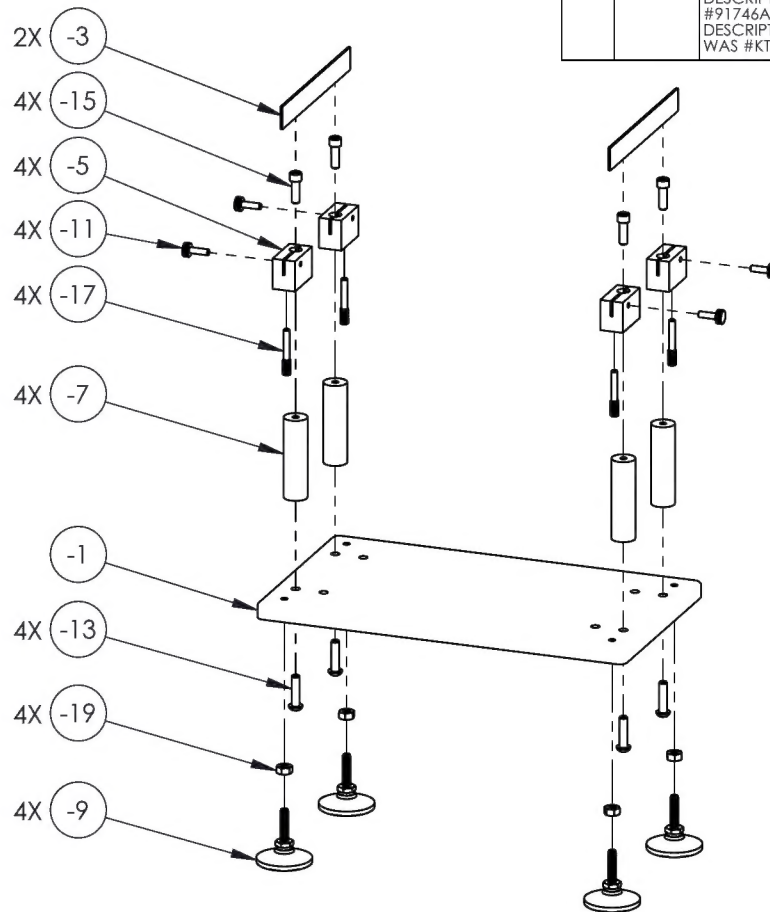


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| REVISIONS | | | | | |
|-----------|---------|---|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 16-0195 | UPDATED TO NEW STANDARDS. -1 CH'D DIMS WAS 10.944 IS 4X 10.944, WAS 9.069 IS 2X 9.069, WAS 8X Ø.250 IS 8X Ø.266, CH'D FINISH SPEC WAS MIL-A-8625, TYPE I, CLASS I IS MIL-A-8625F, TYPE II, CLASS II. -3 ADDED FINISH ZINC PLATE ASTM B633 TYPE I SC2. -5 CH'D DIMS WAS .450 IS .45, WAS Ø.250 THRU L Ø.39 Ψ.775 IS Ø.266 THRU ALL L Ø.39 Ψ.78, WAS 1.000 IS 1.00, WAS 1.250 IS 1.25, WAS .070 IS .070-.080, WAS 1.500 IS 1.50, WAS 10-24 UNC - 2B Ψ.750 IS 10-24 UNC - 2B Ψ.75, CH'D FINISH SPEC WAS MIL-A-8625, TYPE I, CLASS I IS MIL-A-8625F, TYPE II, CLASS II. -7 CH'D DIM WAS Ø.750 IS .75, CH'D FINISH SPEC WAS MIL-A-8625, TYPE I, CLASS I IS MIL-A-8625F, TYPE II, CLASS II. -11 CH'D DESCRIPTION FROM KNURLED HEAD SCREWS TO KNURLED HEAD THUMB SCREWS, ADDED B/O REF #91746A362. -13 ADDED B/O REF #91306A383. -15 ADDED B/O REF #92196A540. -17 CH'D DESCRIPTION FROM PRECISION THUMB SCREWS TO KNURLED HEAD THUMB SCREWS, CH'D B/O REF WAS #KTS-4326 IS #91746A326. -19 HEX NUT #95462A029 ADDED TO BOM QTY 4. | 10/28/2016 | DPD | JAG |

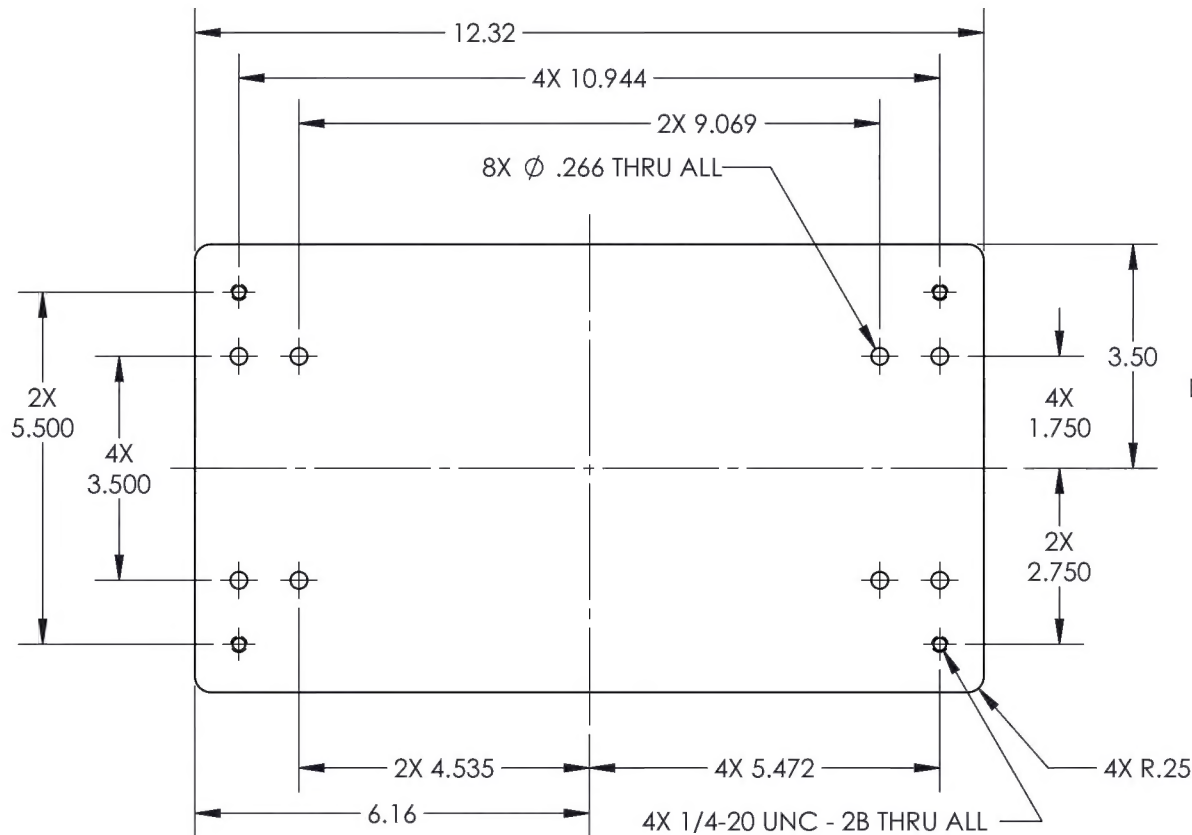


NOTE:
ASSEMBLE AS SHOWN, LEVEL ARMS USING
ADJUSTMENT SCREWS AND LEVELING FEET AS
REQUIRED.

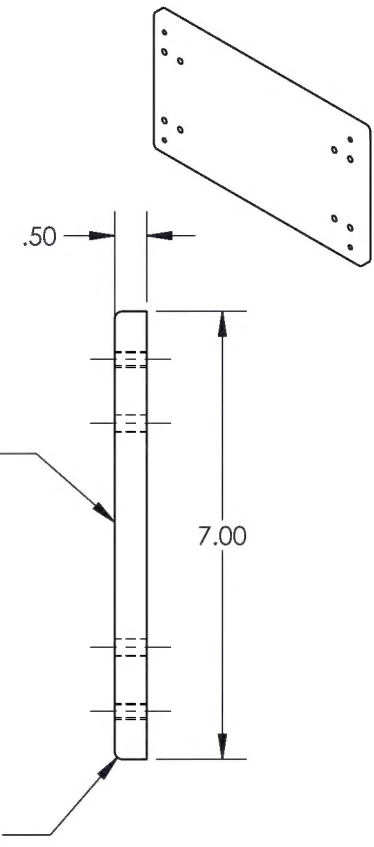
| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. | TITLE | | |
|----------|----------|-----|--------|----------|-------------------------------|----------|--|-----|---|----------|---|
| | | | -1 | 1 | BASE PLATE | 6061 | | 2 | KNIFE EDGE BALANCER | | |
| | | | -3 | 2 | ARM | O1/A2 | | 3 | DWG NO. | RBT18533 | REV 2 |
| | | | -5 | 4 | CLAMP | 6061 | | 4 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° | | |
| | | | -7 | 4 | POST | 6061 | | 5 | | | |
| | | B/O | -9 | 4 | FEET-LEVELING GUIDES | STEEL | Ø1-3/4, 1/4-20 X 1 (MCMaster-CARR #23015T67) | 1 | SPEC | | |
| | | B/O | -11 | 4 | KNURLED HEAD THUMB SCREWS | S.S. | 10-32 X 5/8 (MCMaster-CARR #91746A362) | 1 | DRAWN BY: | PERRITT | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| | | B/O | -13 | 4 | BUTTON SOCKET HEAD CAP SCREWS | S.S. | 1/4-20 X 1 (MCMaster-CARR #91306A383) | 1 | CHECKED: | CLOUGH | |
| | | B/O | -15 | 4 | SOCKET HEAD CAP SCREWS | S.S. | 1/4-20 X 3/4 (MCMaster-CARR #92196A540) | 1 | OPPS APPR: | ANDERSON | |
| | | B/O | -17 | 4 | KNURLED HEAD THUMB SCREWS | S.S. | 10-24 X 1 (MCMaster-CARR #91746A326) | 1 | QA APPR: | LINDSAY | |
| | | B/O | -19 | 4 | HEX NUT | STEEL | 1/4-20 (MCMaster-CARR #95462A029) | 1 | APPROVED: | GILBERT | |
| | | | | | | | | | SCALE | 1:6 | DATE 3/4/2010 |
| | | | | | | | | | SHEET 1 OF 5 | | |

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| REVISIONS | | | | | |
|-----------|---------|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 16-0195 | -1 CH'D DIMS WAS 10.944 IS 4X 10.944, WAS 9.069 IS 2X 9.069, WAS 8X Ø.250 IS 8X Ø.266. CH'D FINISH SPEC WAS MIL-A-8625, TYPE I, CLASS I IS MIL-A-8625F, TYPE II, CLASS II. | 10/28/2016 | DPD | JAG |



ENGRAVE T/N, S/N,
"MADE IN USA"



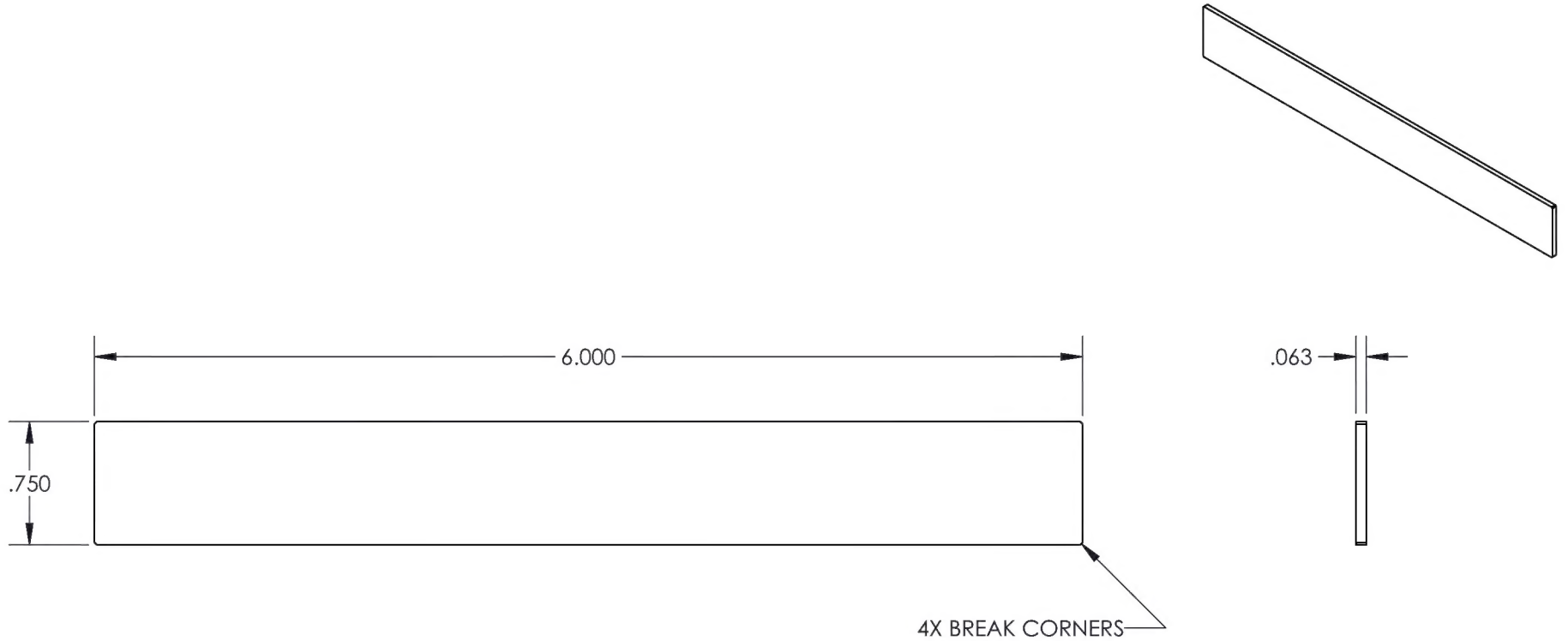
(-1)

BASE PLATE

| | |
|---|-----------------|
| DART AEROSPACE | |
| TITLE KNIFE EDGE BALANCER | |
| DWG NO. RBT18533-1 | REV 2 |
| MAT'L 6061 HEAT TREAT FINISH BLACK ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS II | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 1/8 .X ± .1 SURFACES = 125° | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | |
| DRAWN BY: PERRITT | USED ON MODEL |
| CHECKED: CLOUGH | BELL OH58/206 |
| OPPS APPR: ANDERSON | |
| QA APPR: LINDSAY | |
| APPROVED: GILBERT | |
| SCALE 1:3 | DATE 3/4/2010 |
| SHEET 2 OF 5 | |

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| REVISIONS | | | | | |
|-----------|---------|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 16-0195 | -3 ADDED FINISH ZINC PLATE ASTM B633 TYPE I SC2. | 10/28/2016 | DPD | JAG |

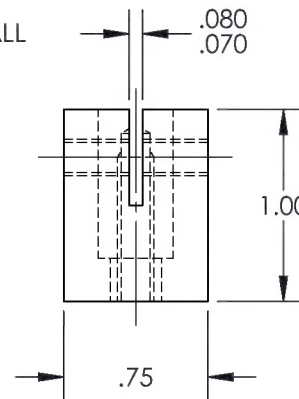
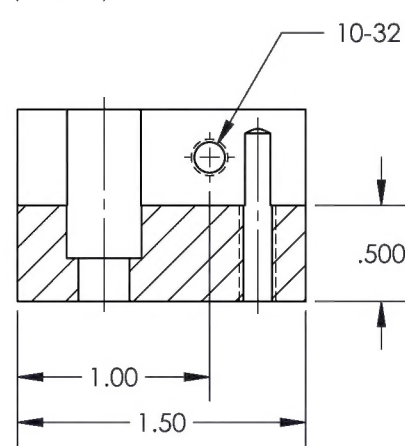
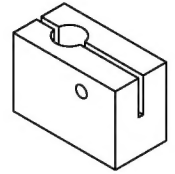
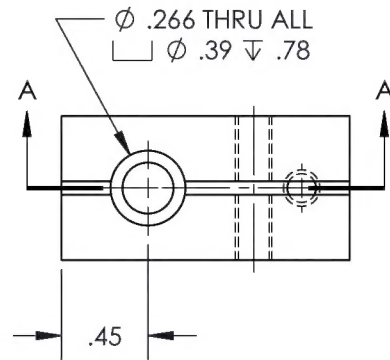


(-3)
ARM

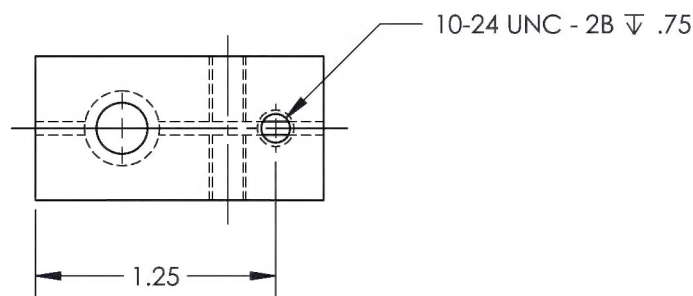
| | |
|-------------------------------------|---|
| DART AEROSPACE | |
| TITLE KNIFE EDGE BALANCER | |
| DWG NO. RBT18533-3 | REV 2 |
| MAT'L O1/A2 | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH ZINC PLATE | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC ASTM B633 TYPE I SC 2 | .XX ± .01 ANGLES ± .5° |
| DRAWN BY: PERRITT | .X ± .1 SURFACES = 125 |
| CHECKED: CLOUGH | 1. BREAK ALL SHARP EDGES |
| OPPS APPR: ANDERSON | .015 x 45° OR .015R |
| QA APPR: LINDSAY | 2. DIMENSIONAL LIMITS APPLY |
| APPROVED: GILBERT | AFTER PLATING |
| SCALE 1:1 | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE 3/4/2010 | USED ON MODEL |
| SHEET 3 OF 5 | BELL OH58/206 |

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| REVISIONS | | | | | |
|-----------|---------|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 16-0195 | -5 CH'D DIMS WAS .450 IS .45, WAS Ø.250 THRU L. Ø.39 ∇ .775 IS Ø.266 THRU ALL L. Ø.39 ∇ .78, WAS 1.000 IS 1.00, WAS 1.250 IS 1.25, WAS .070 IS .070-.080, WAS 1.500 IS 1.50, WAS 10-24 UNC - 2B ∇ .750 IS 10-24 UNC - 2B ∇ .75. CH'D FINISH SPEC WAS MIL-A-8625F, TYPE I, CLASS I IS MIL-A-8625F, TYPE II, CLASS II. | 10/28/2016 | DPD | JAG |



SECTION A-A

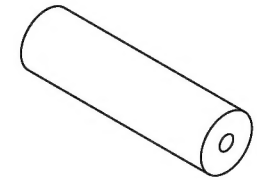


(5)
CLAMP

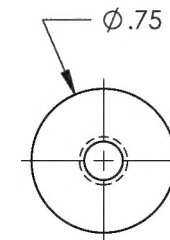
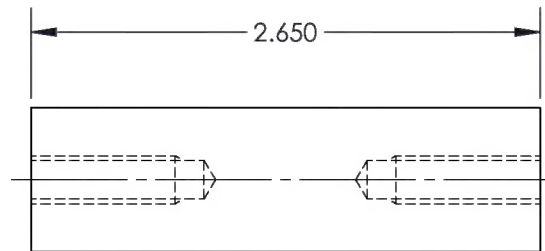
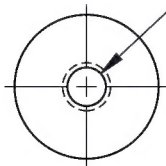
| | |
|--------------------------------------|--|
| DART AEROSPACE | |
| TITLE KNIFE EDGE BALANCER | |
| DWG NO. RBT18533-5 | REV 2 |
| MAT'L 6061 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT TREAT | .XXX \pm .005 FRACTIONS \pm 1/8 |
| FINISH BLACK ANODIZE | .XX \pm .01 ANGLES \pm 5° |
| SPEC MIL-A-8625F, TYPE II, CLASS III | .X \pm .1 SURFACES = 125° ✓ |
| DRAWN BY: PERRITT | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: CLOUGH | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: LINDSAY | USED ON MODEL |
| APPROVED: GILBERT | BELL OH58/206 |
| SCALE 1:1 | DATE 3/4/2010 |
| SHEET 4 OF 5 | |

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| REVISIONS | | | | | |
|-----------|---------|---|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 16-0195 | -7 CH'D DIM WAS Ø.750 IS .75. CH'D FINISH SPEC WAS MIL-A-8625, TYPE I, CLASS I IS MIL-A-8625F, TYPE II, CLASS II. | 10/28/2016 | DPD | JAG |



2X 1/4-20 UNC - 2B ∇ .75



(-7)

POST

| | |
|-------------------------------------|---|
| DART AEROSPACE | |
| TITLE KNIFE EDGE BALANCER | |
| DWG NO. RBT18533-7 | REV 2 |
| MAT'L 6061 | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH BLACK ANODIZE | .XXX \pm .005 FRACTIONS \pm 1/8 |
| SPEC MIL-A-8625F, TYPE II, CLASS II | .XX \pm .01 ANGLES \pm 5° |
| DRAWN BY: PERRITT | .X \pm .1 SURFACES = 125° |
| CHECKED: CLOUGH | 1. BREAK ALL SHARP EDGES |
| OPPS APPR: ANDERSON | .015 x 45° OR .015R |
| QA APPR: LINDSAY | 2. DIMENSIONAL LIMITS APPLY |
| APPROVED: GILBERT | AFTER PLATING |
| SCALE 1:1 | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE 3/4/2010 | USED ON MODEL |
| SHEET 5 OF 5 | BELL OH58/206 |